

Fig. 2

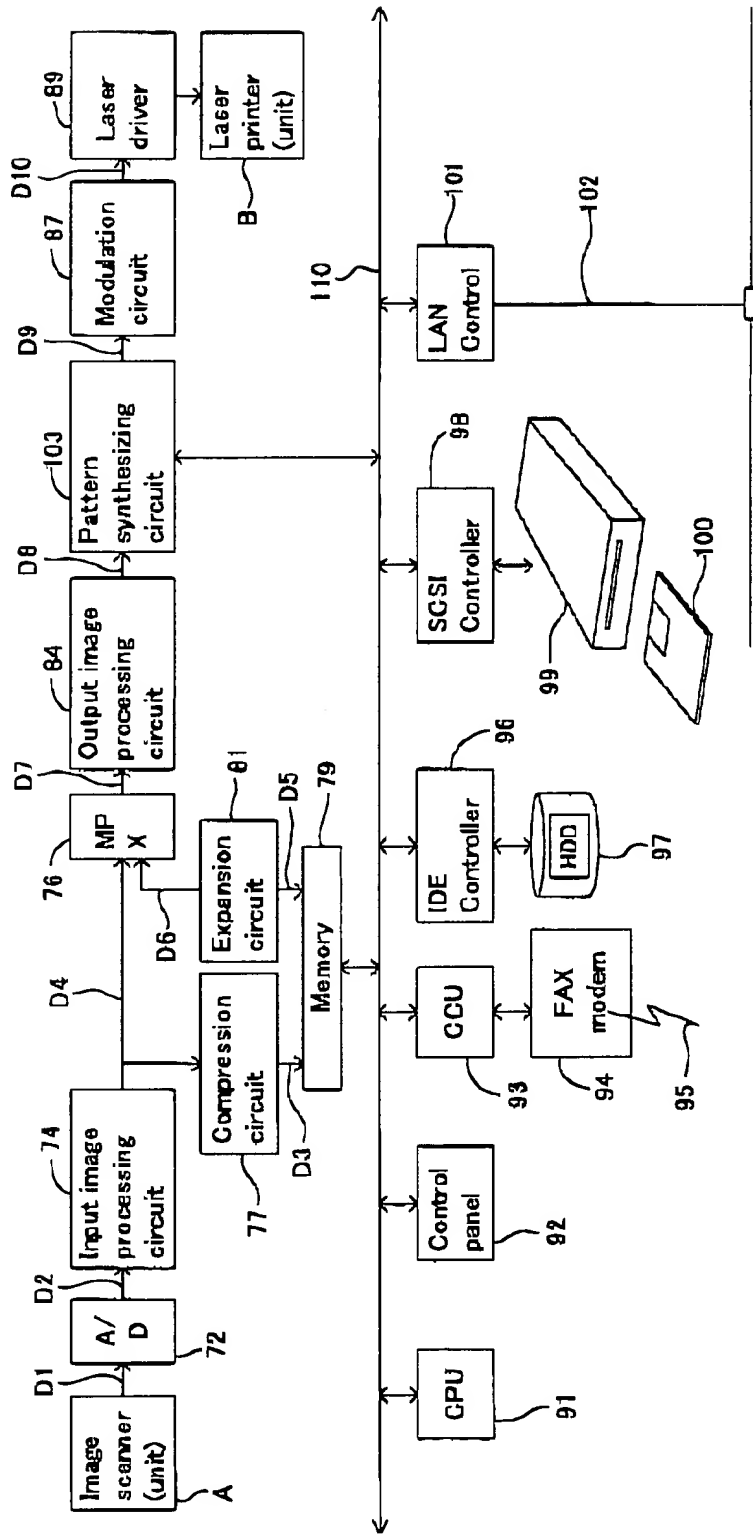


Fig.2

389

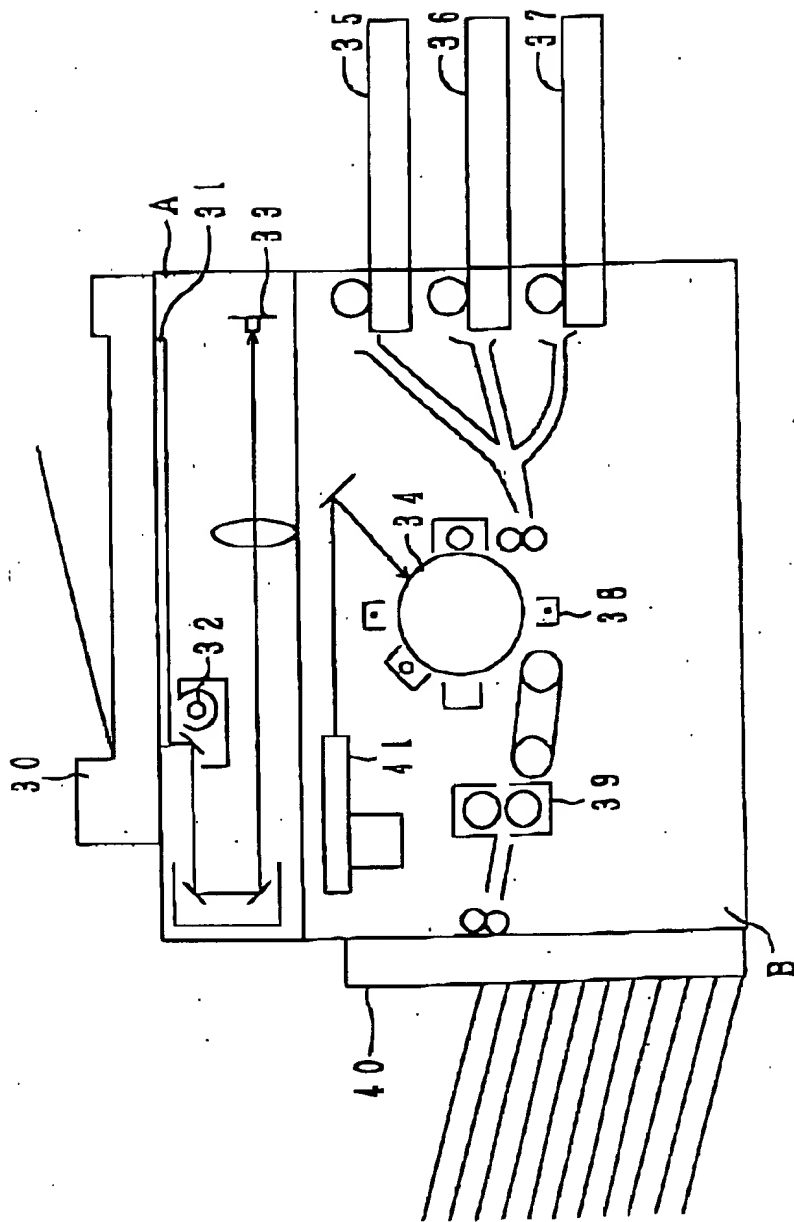
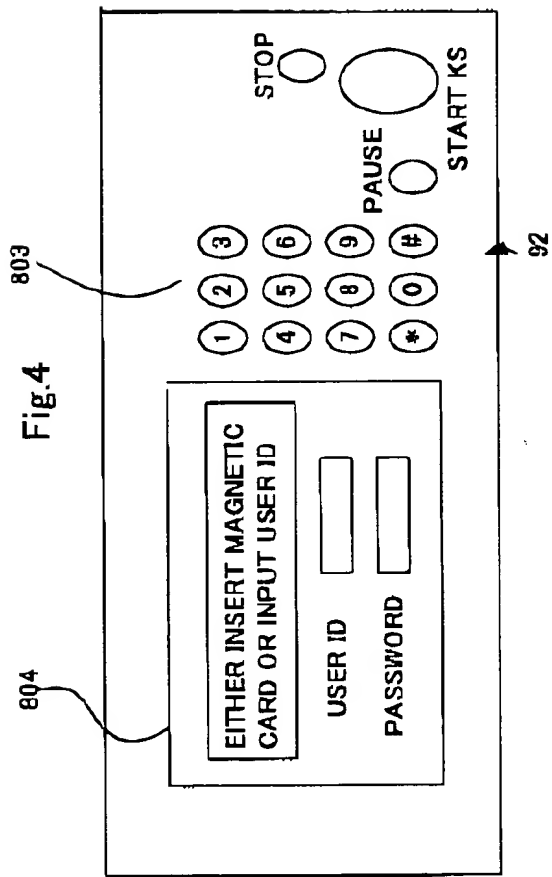


FIG. 4



[illegible]

Digital integrated apparatus

The present invention relates to a digital integrated apparatus, more specifically to a digital integrated apparatus capable of storage and take-out of image data.

So far, proposal has been made of electronic filing system such as those disclosed in the Japanese patent laid-open publication No. 62-219768, for example, capable of storing image data on optical disc etc. from such sources as paper document, etc.

00021243

Fig6

403

TITLE OF THE INVENTION

Digital integrated apparatus

FIELD OF THE INVENTION

The present invention relates to a digital integrated apparatus, more specifically to a digital integrated apparatus capable of storage and take-out of image data.

BACKGROUND OF THE INVENTION

So far, proposal has been made of electronic filing system such as those disclosed in the Japanese patent laid-open publication No. 62-219768, for example, capable of storing image data on optical disc etc. from such sources as paper document, etc.

Fig. 34 discloses an example of construction of a conventional electronic filing system. This system is designed in a way to register documentary information or image information in advance on an optical disc storage device 205 and select documentary & image information agreeing with the search conditions given by a work station 201, to be described hereafter, from the optical disc storage device 205, for processing such as output, transfer, etc. Documentary information as mentioned here refers to the so-called text information, and is not documentary image information turned into image data treated by the present invention. The work station 201 is capable of inputting search conditions of documentary image information, displaying selected documentary image information, as well as giving a variety of instructions such as editing, printing, etc. As processing relating to the present invention, said work station can convert ID, identifying address value or document & image corresponding to any specific registered document or image, into image data such as barcode, etc., combined this image data with document & image and print out by using a printer 207. Fig. 35 indicates an example of printed documentary image.



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FIG. 6

FILED "CT23260

FIG-7

Document ID	Number of pages	Image size	Registration method	Date of registration	Registration time	User ID	Access right	Media ID	Destination of link	Origin of link
00000001	3	A4	COPY	1997.01.29	20:10:45	0003	OWNER	0000	00000000	00000000
00000002	4	B4	FAX RECEIVE	1997.02.01	08:05:05	0000	FREE	0000	00000000	00000000
00000003	6	A4	FAX SEND	1997.02.01	09:17:55	0006	GROUP	0000	00000000	00000000
00000004	3	A4B	PRINT	1997.02.03	10:10:09	0003	GROUP	0001	00000005	00000000
00000005	9	A4B	COPY	1997.02.03	11:30:30	0003	GROUP	0000	00000000	00000004

710: Document Management Table

FIG. 8

Fig.8

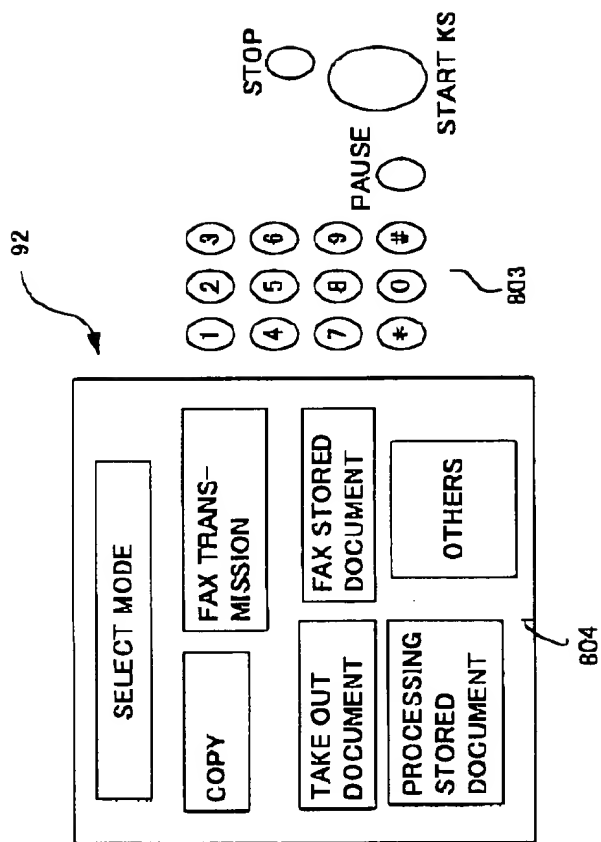


Fig.9

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803

804

INPUT NO. OF COPIES & METHOD OF COPYING

COVER WITH MARK

INPUT DOCUMENT ID

FILE REGISTRATION **REQUIRED** **NOT REQUIRED**

ACCESS RIGHT **OWNER** **GROUP** **FREE**

ADDITIONAL OF MARK **YES** **NO**

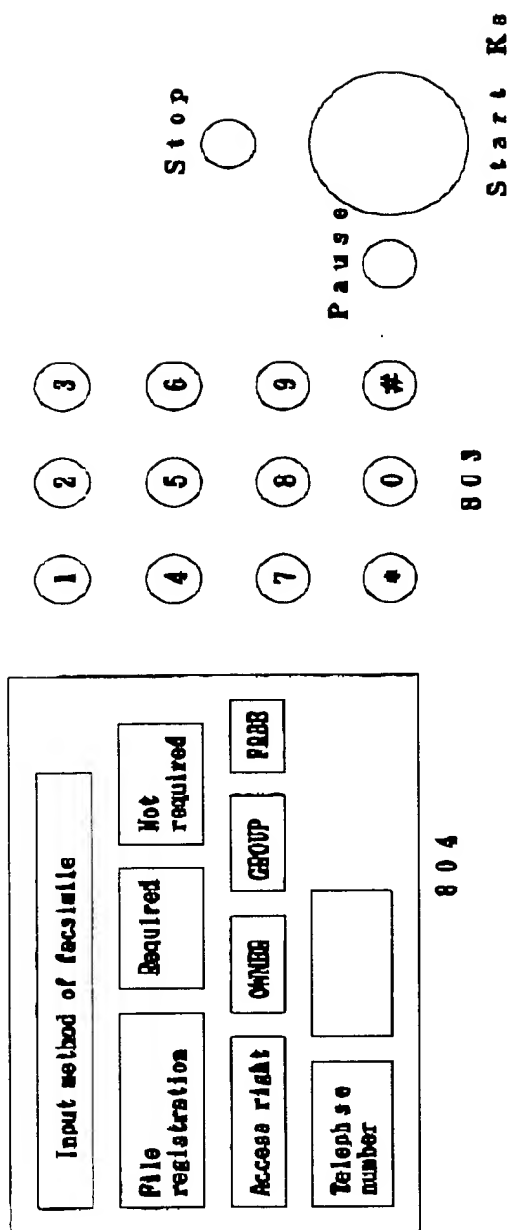
NUMBER OF COPIES **2**

COPY SIZE **A4** **A3** **B4** **B3**

STOP **PAUSE** **START KS**

1 **2** **3** **4** **5** **6** **7** **8** **9** ***** **0** **#**

FIG. 10



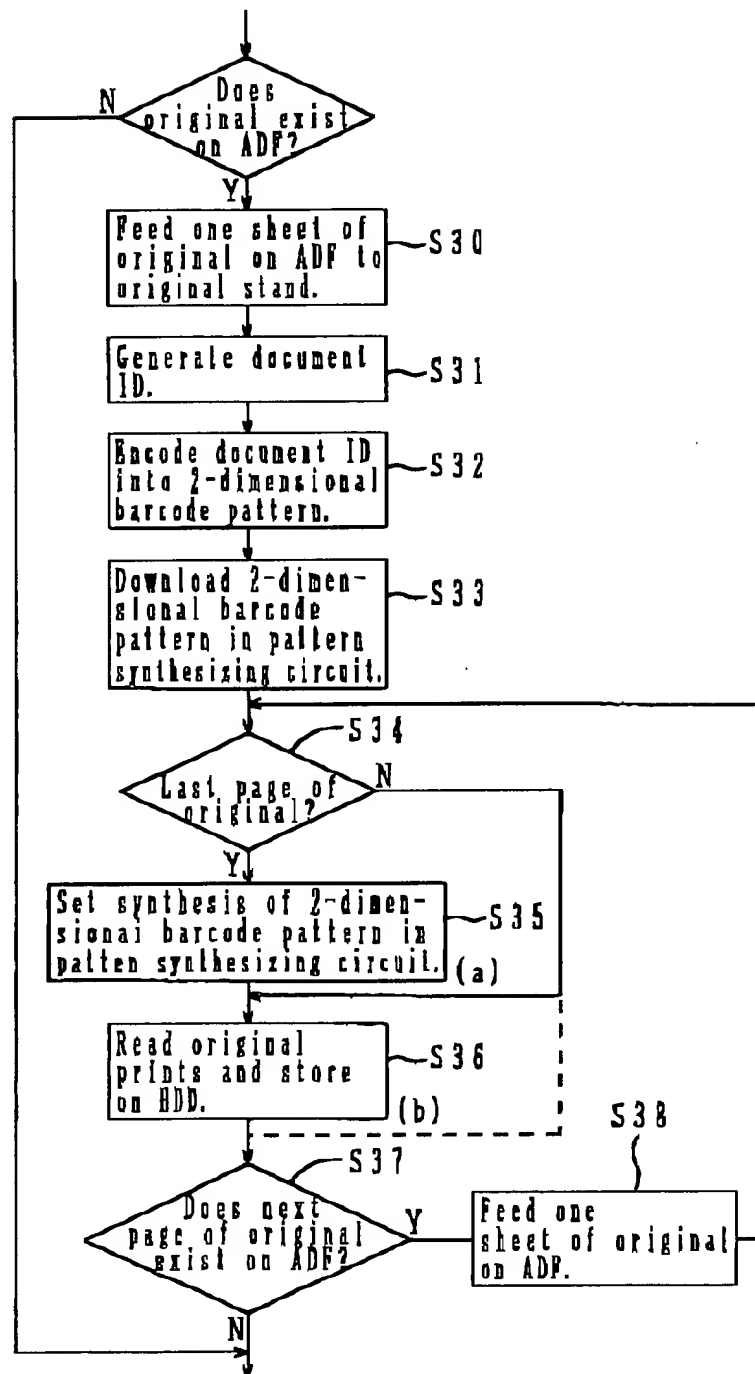


Fig. 11

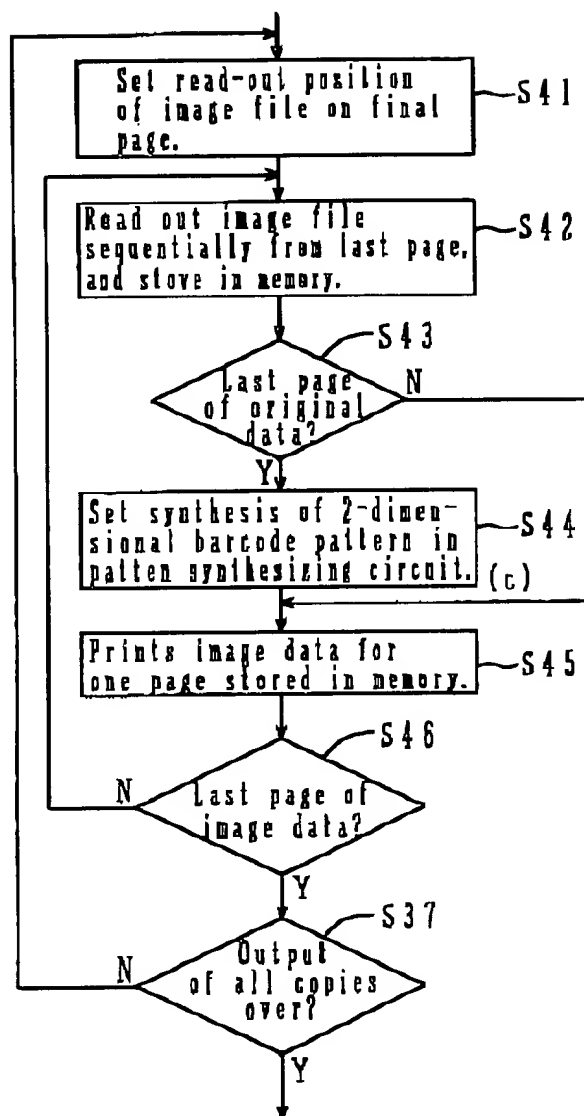


Fig. 12

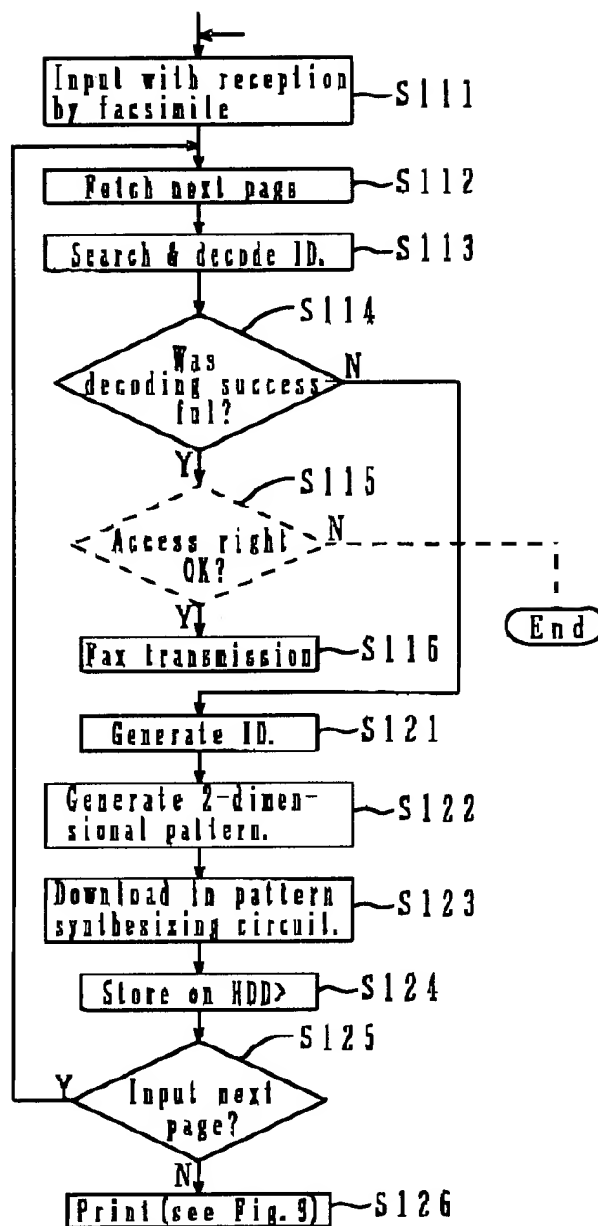


Fig. 13

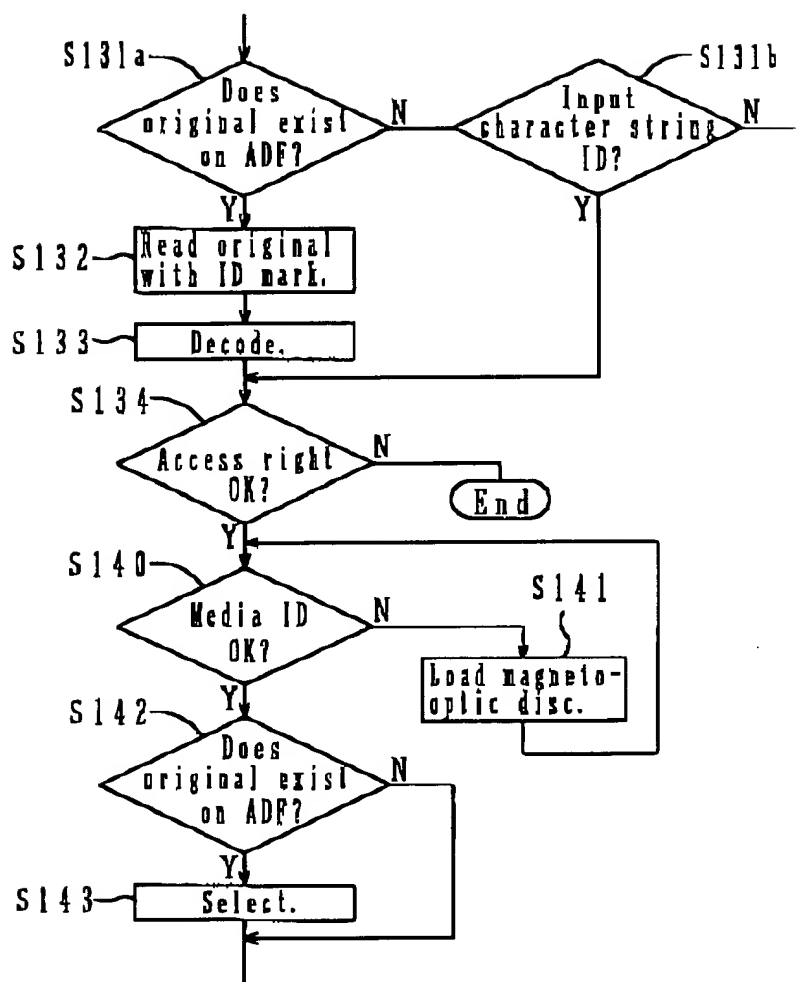
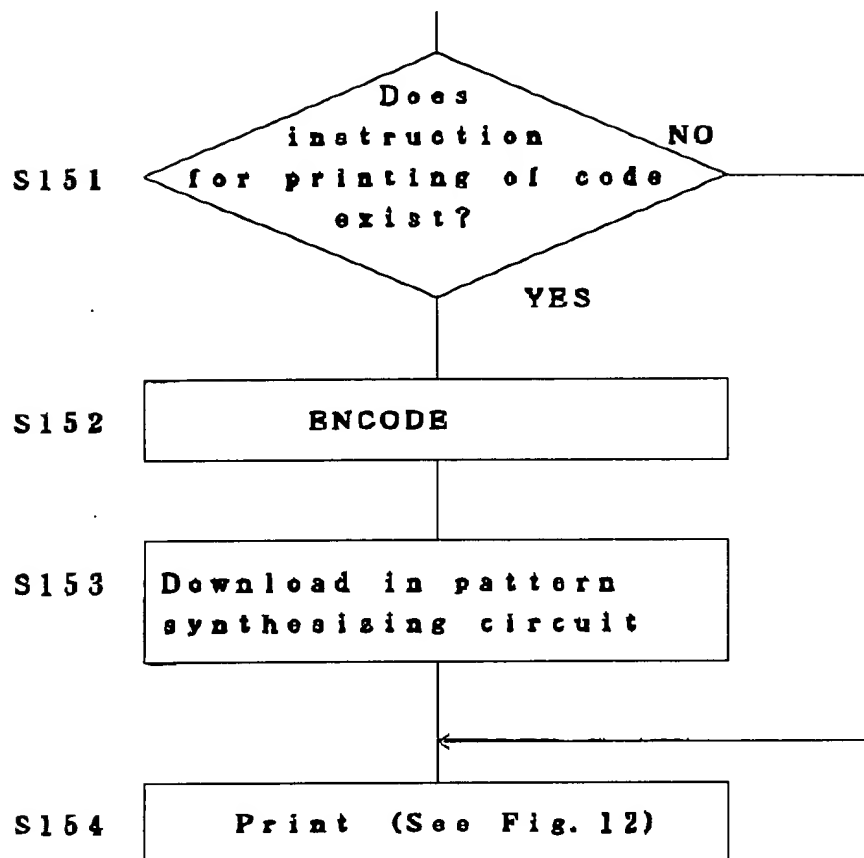


Fig. 14

T01210-ET239460

FIG. 15



TOP SECRET

FIG. 16

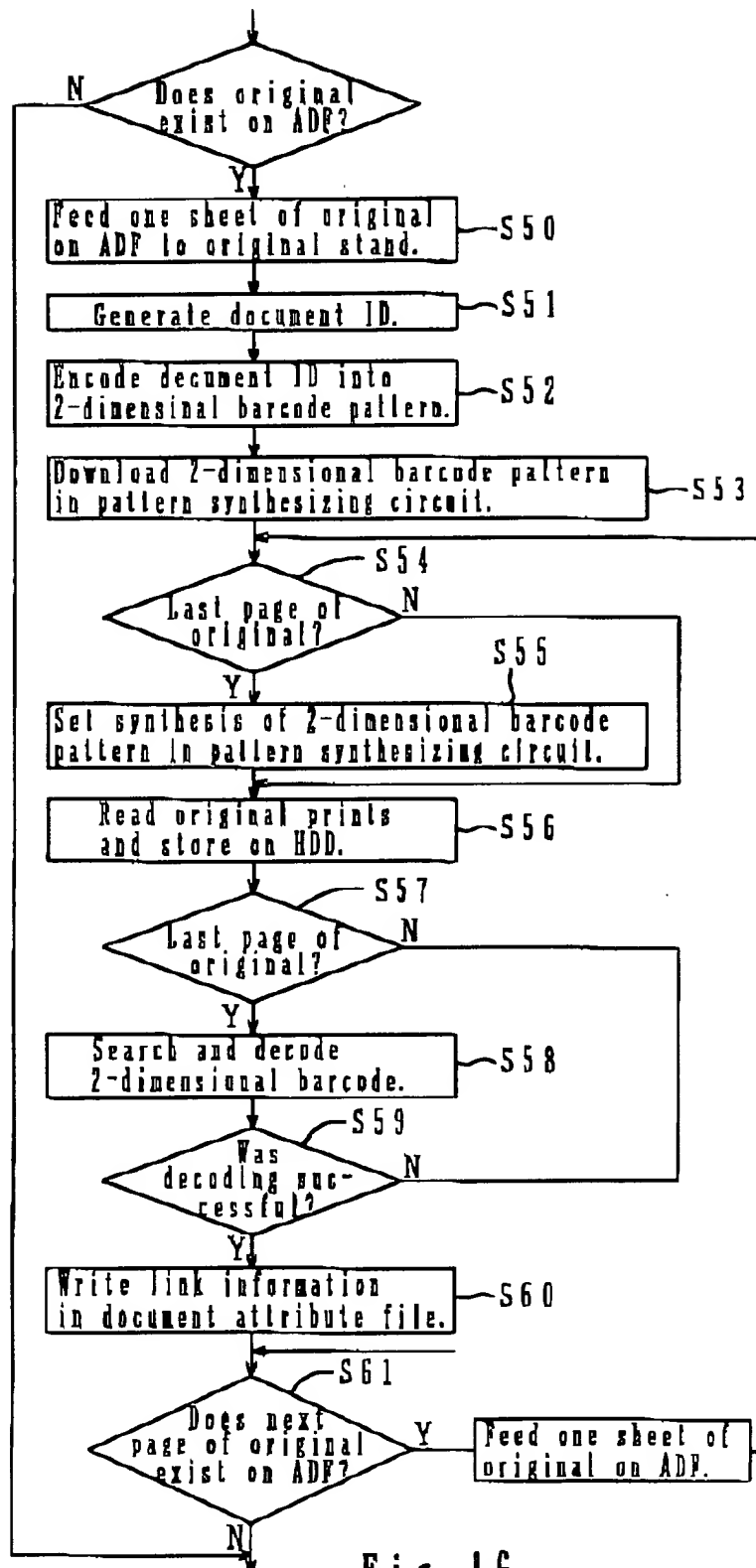
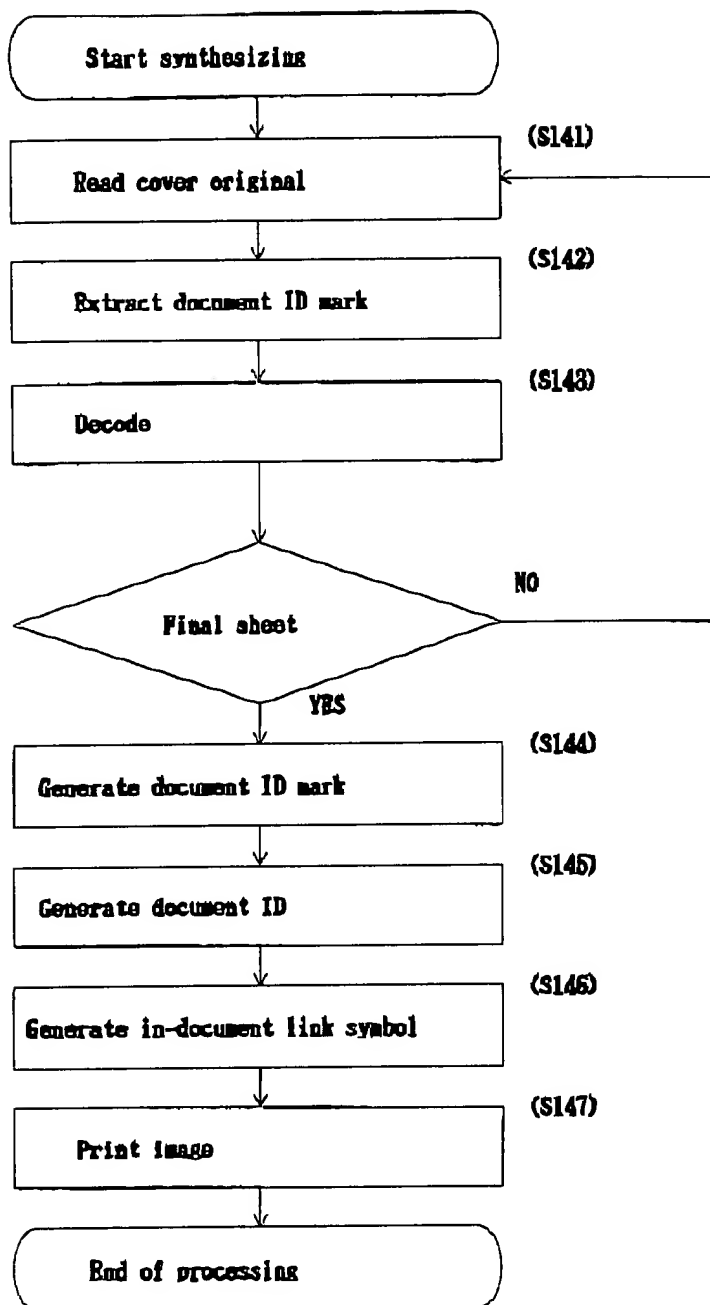


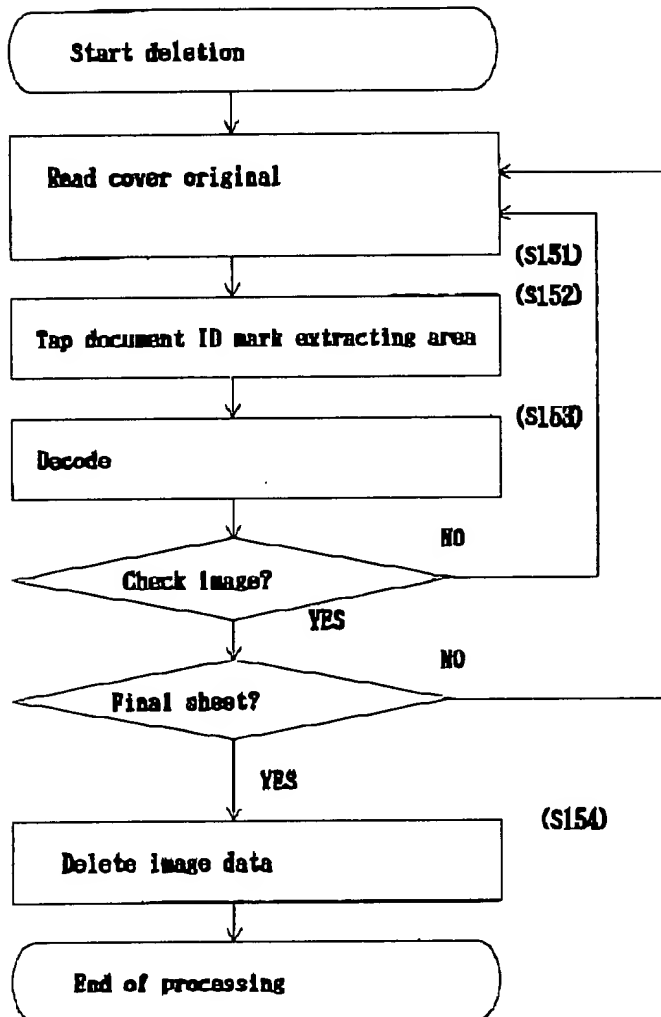
Fig. 16

FIG. 17



20240101 13:41 FAX 06 6941 5110 福井特許事務所

FIG. 18



F0000023460

FIG. 19

There are a plural number
of versions as document
to be taken out.

Select document.

0

0. Specified document	20/02/1997	5 pages
1. Date of registration	05/01/1997	5 pages
2. Date of registration	10/01/1997	5 pages
3. Date of registration	15/02/1997	5 pages
4. Date of registration	25/03/1997	5 pages

FIG. 19

FIG. 20

FIG. 20

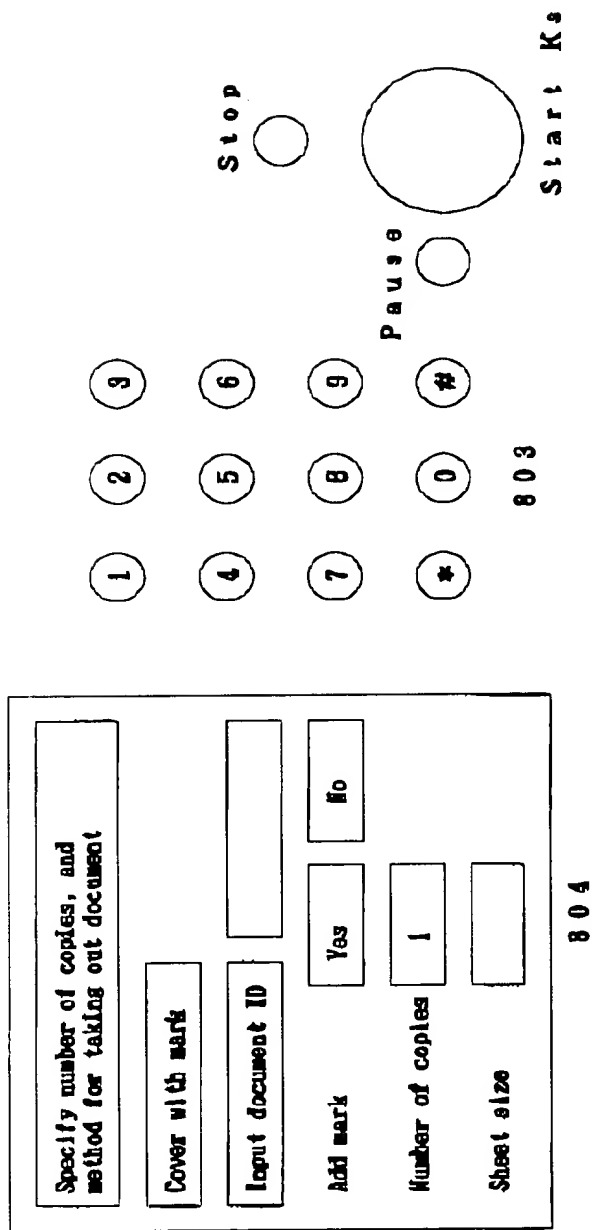


FIG. 21

FIG. 21

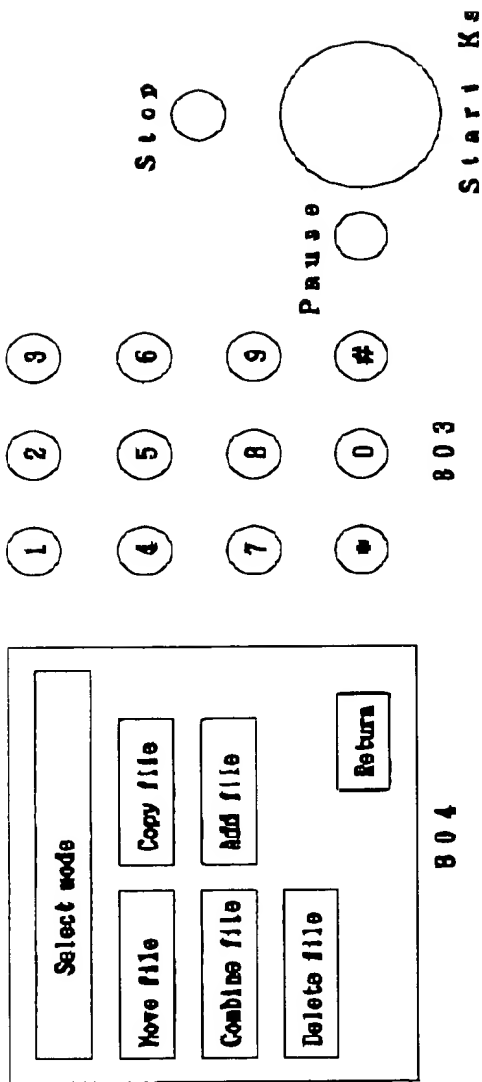


FIG. 22

FIG. 22

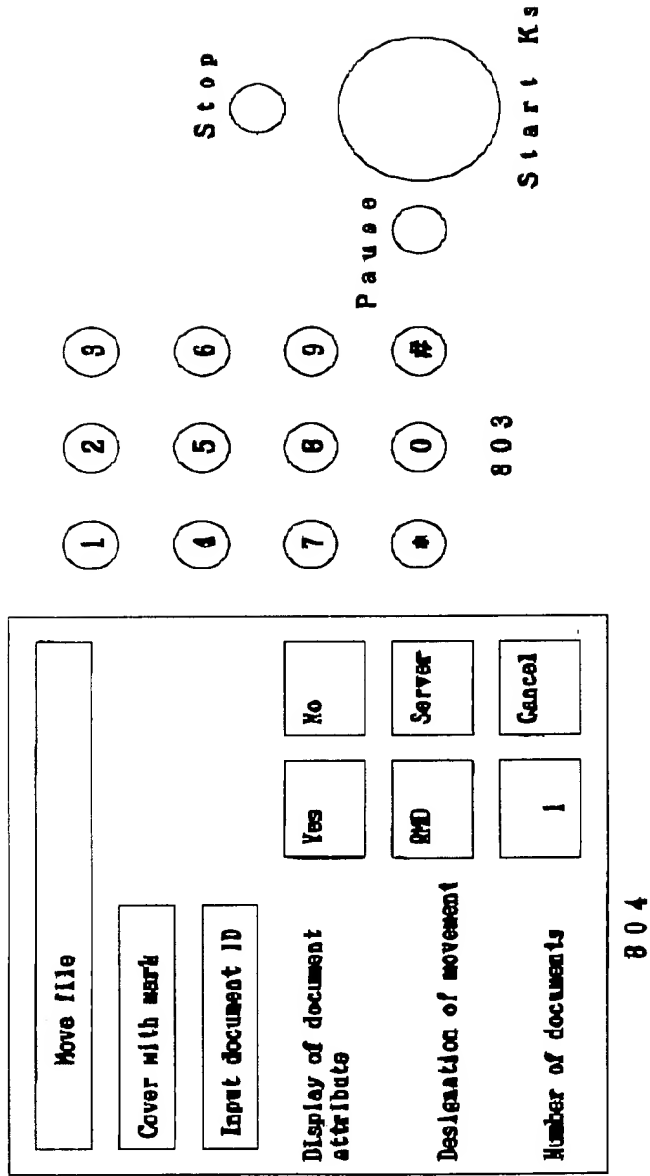


FIG. 23

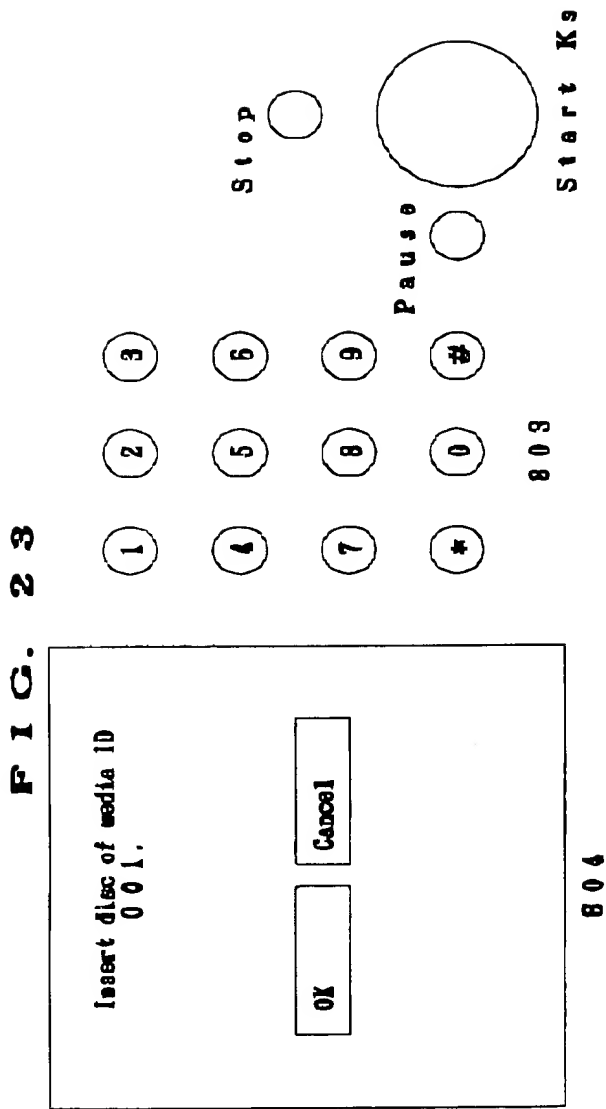
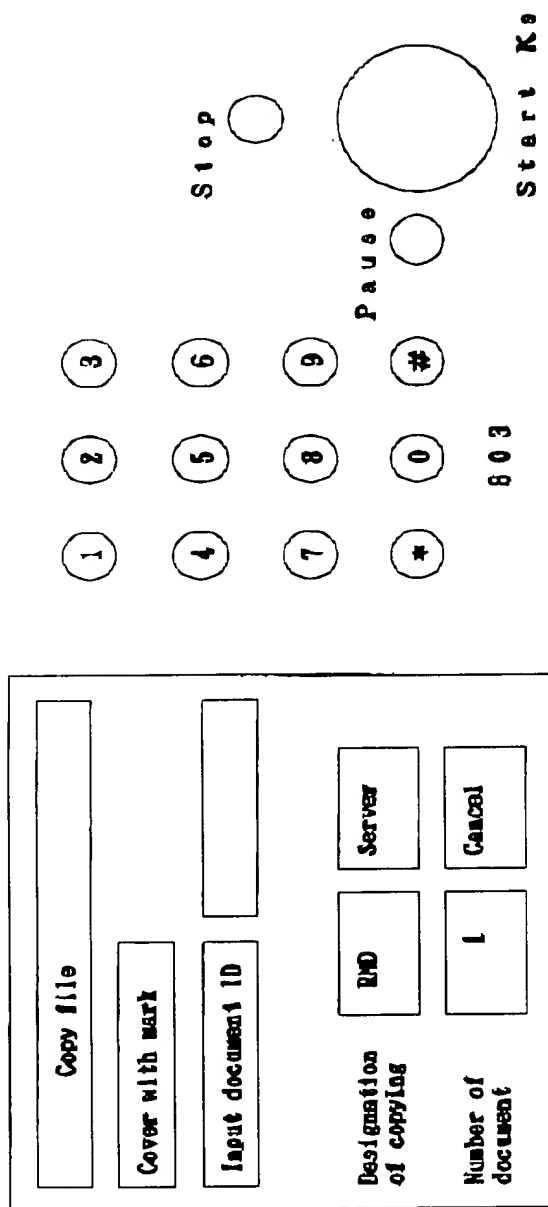


FIG. 24

FIG. 24



Patent No. 233200

FIG. 25

Specify number of copies, and method for taking out document	
Cover with mark	
Input document ID	
Add mark	Yes No
Mark size	Large Small
Number of copies of whole body	
Number of copies of cover original	
Sheet size	
Password	

1 2 3

4 5 6

7 8 9

* 0 #

Stop

Pause

Start Ks

B 0 3

8 0 4

FIG. 26

Document ID	Page	In-document link information	
00000001	Image data 1-1	●	54a
	Image data 1-2		←
00000002	Image data 2-1		54b
00000003	Image data 3-1	●	←
	Image data 3-2	●	←
	Image data 3-3		←
⋮	⋮	⋮	54c

FIG. 26

FIG. 27

Document ID	Page	In-document link information	
00000001	Image data 1-1	●	54a
	Image data 1-2	●	54d
00000002	Image data 2-1		54b
00000003	Image data 3-1	●	54c
	Image data 3-2	●	
	Image data 3-3		
.	.	.	
.	.	.	
.	.	.	

FIG. 27

FIG. 28

Document ID	Page	In-document link information	
00000001	Image data 1-1	●	54a
	Image data 1-2		
00000002	Image data 2-1		
00000003	Image data 3-1	●	54b
	Image data 3-2		
	Image data 3-3	●	54c
00000004	Image data 1-1	●	54e
	Image data 1-2		
	Image data 3-1	●	54f
	Image data 3-2		54g
	Image data 3-3	●	54h
.	.	.	
.	.	.	
.	.	.	

FIG. 28

Fig. 29

ORIENTATION OF ORIGINAL	LONGITUDINAL (TRANSVERSAL POSITION LONGITUDINAL POSITION)	TRASVERSAL (TRANSVERSAL POSITION, LONGITUDINAL POSITION)
SHEET SIZE		
B4	(10,237)	(10,162)
A4	(10,277)	(10,190)
B3	(10,344)	(10,237)
A3	(10,400)	(10,277)

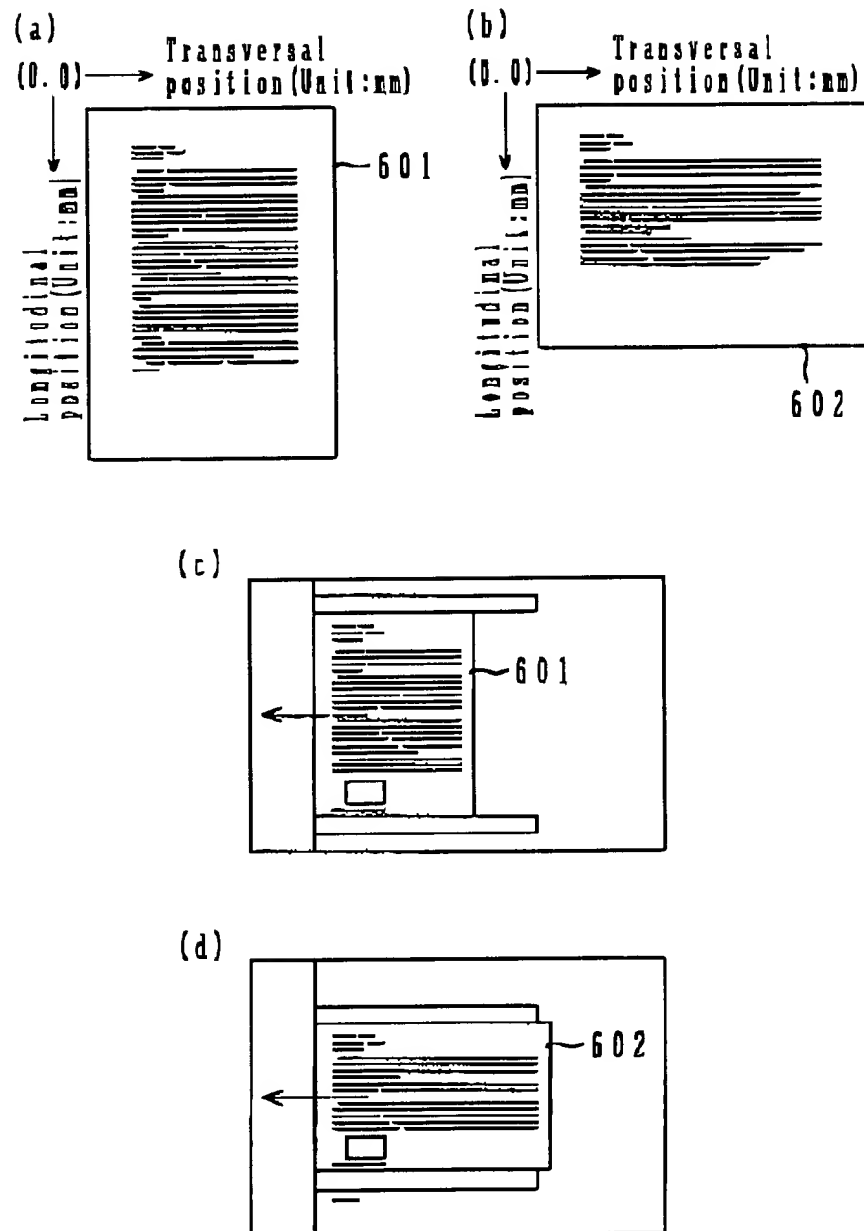


Fig. 30

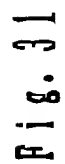


Fig.32

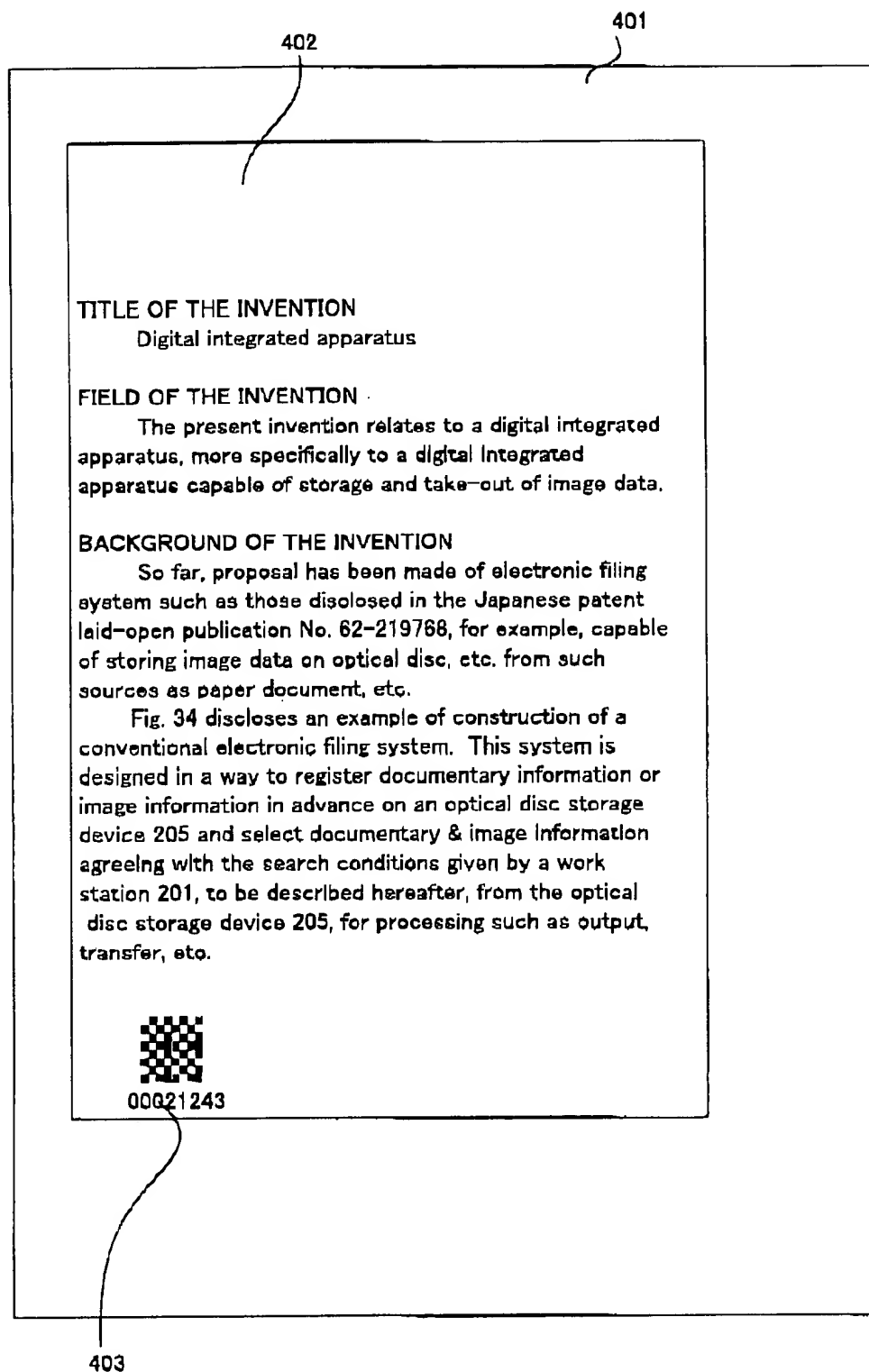


FIG. 33

Document attribute information list

Date & time of preparation: 21st February, 1997,
17:40:32

Input source: FAX reception

Total number of pages: 12 pages

Sheet size: A4

Place of storage: Home HDP

Name of user who registered document: ○○ ○○

Access right: Free

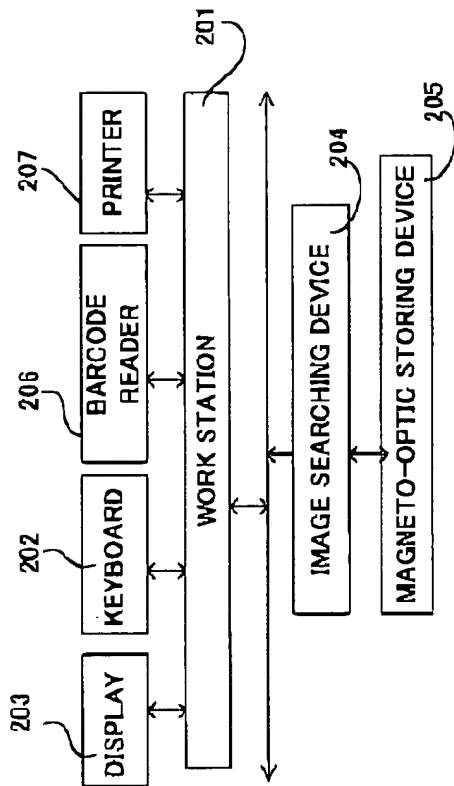
254688524

Example of print of printed document attribute information list

FIG. 33

FIG. 34 PRIOR ART

Fig. 34 PRIOR ART



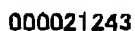
[illegible]

FIG. 36 a

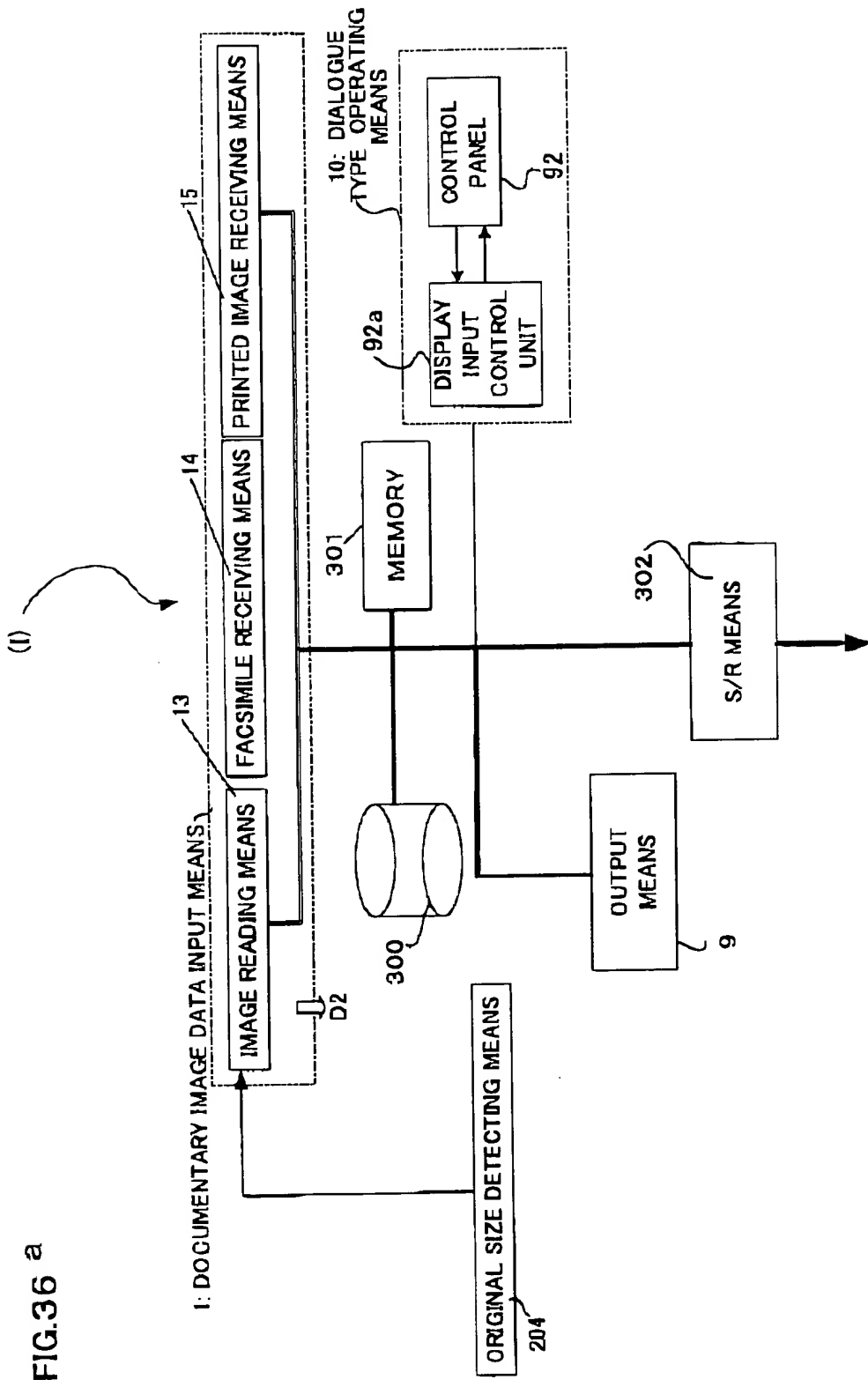


FIG. 36 b

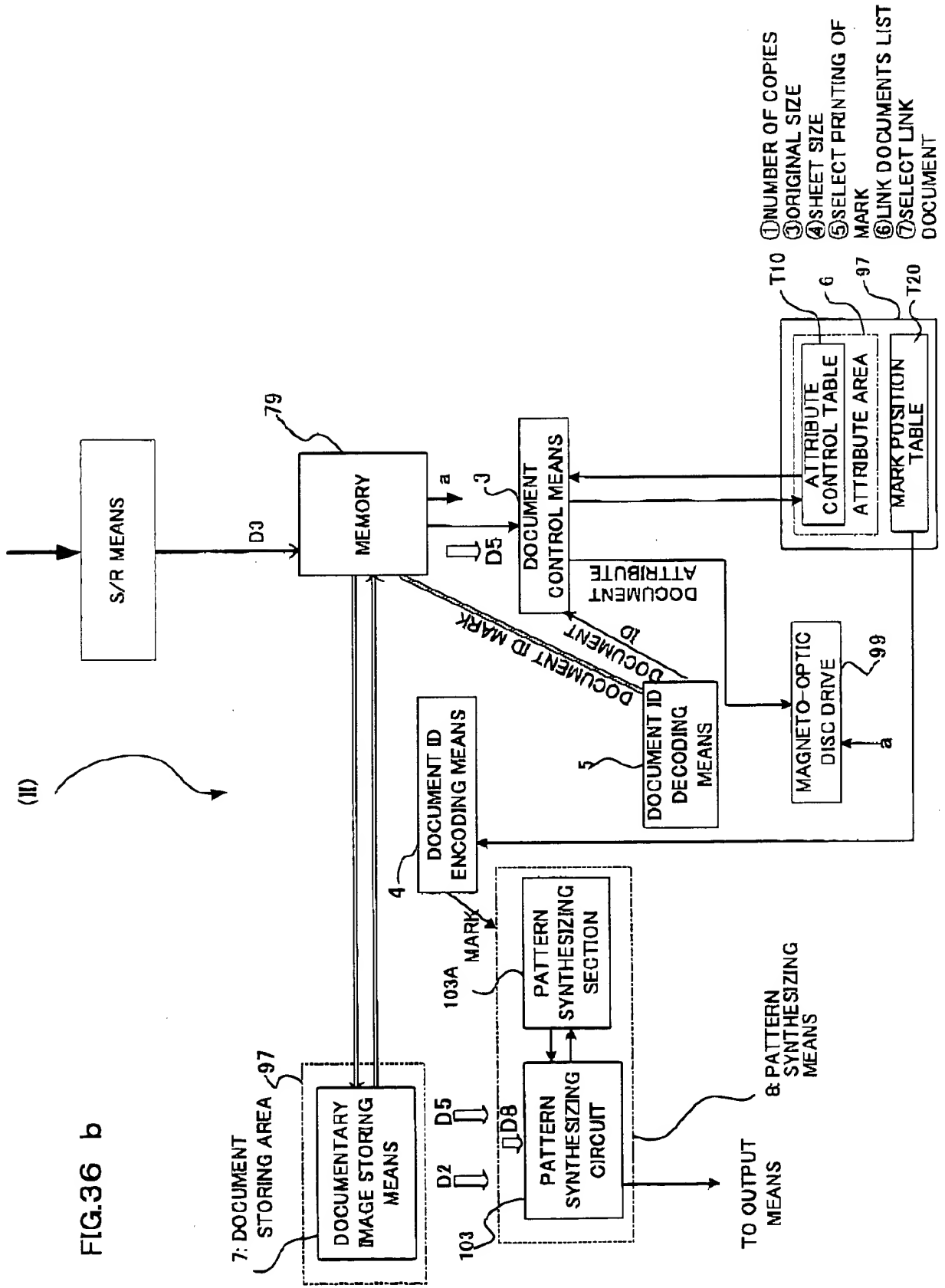
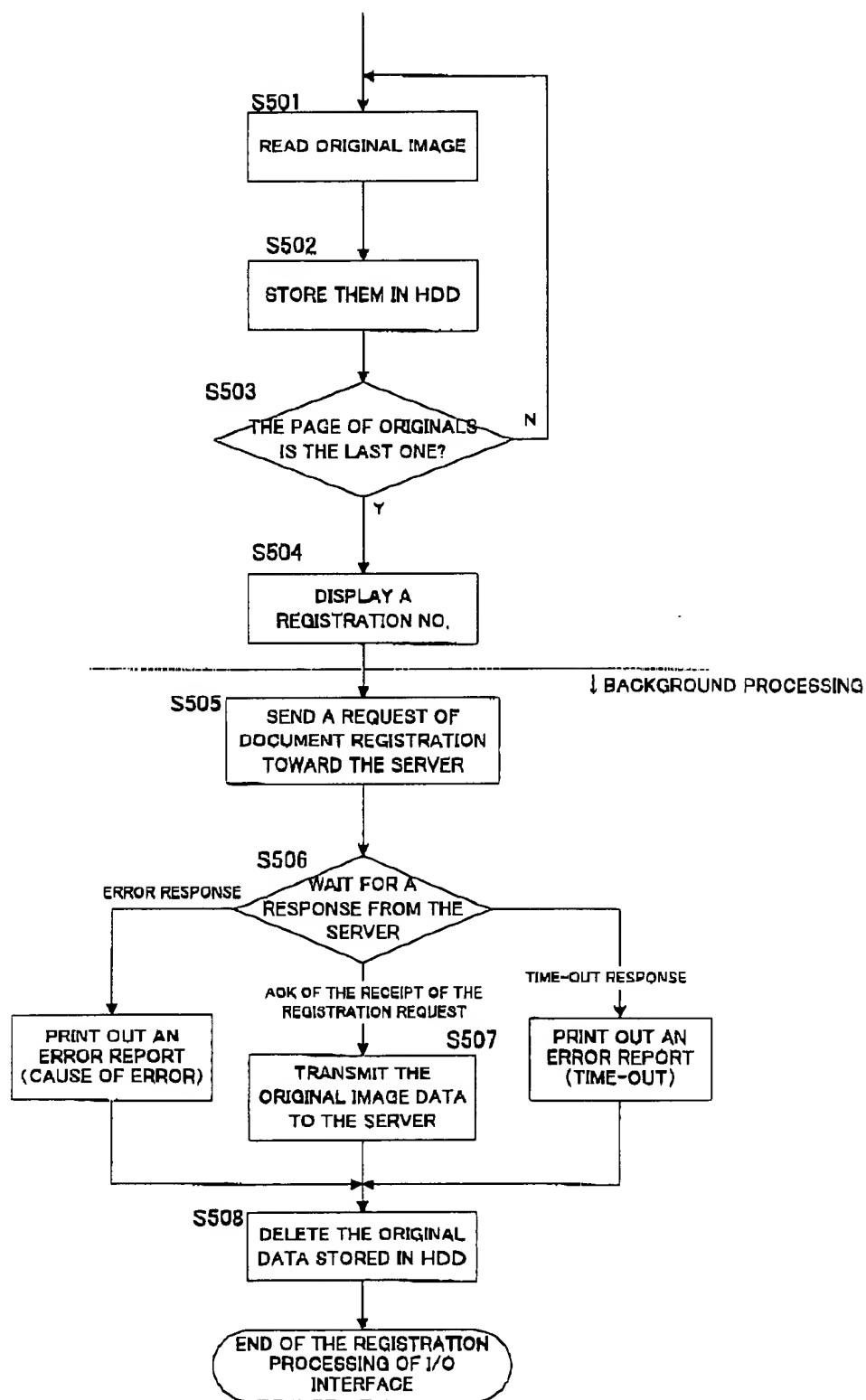
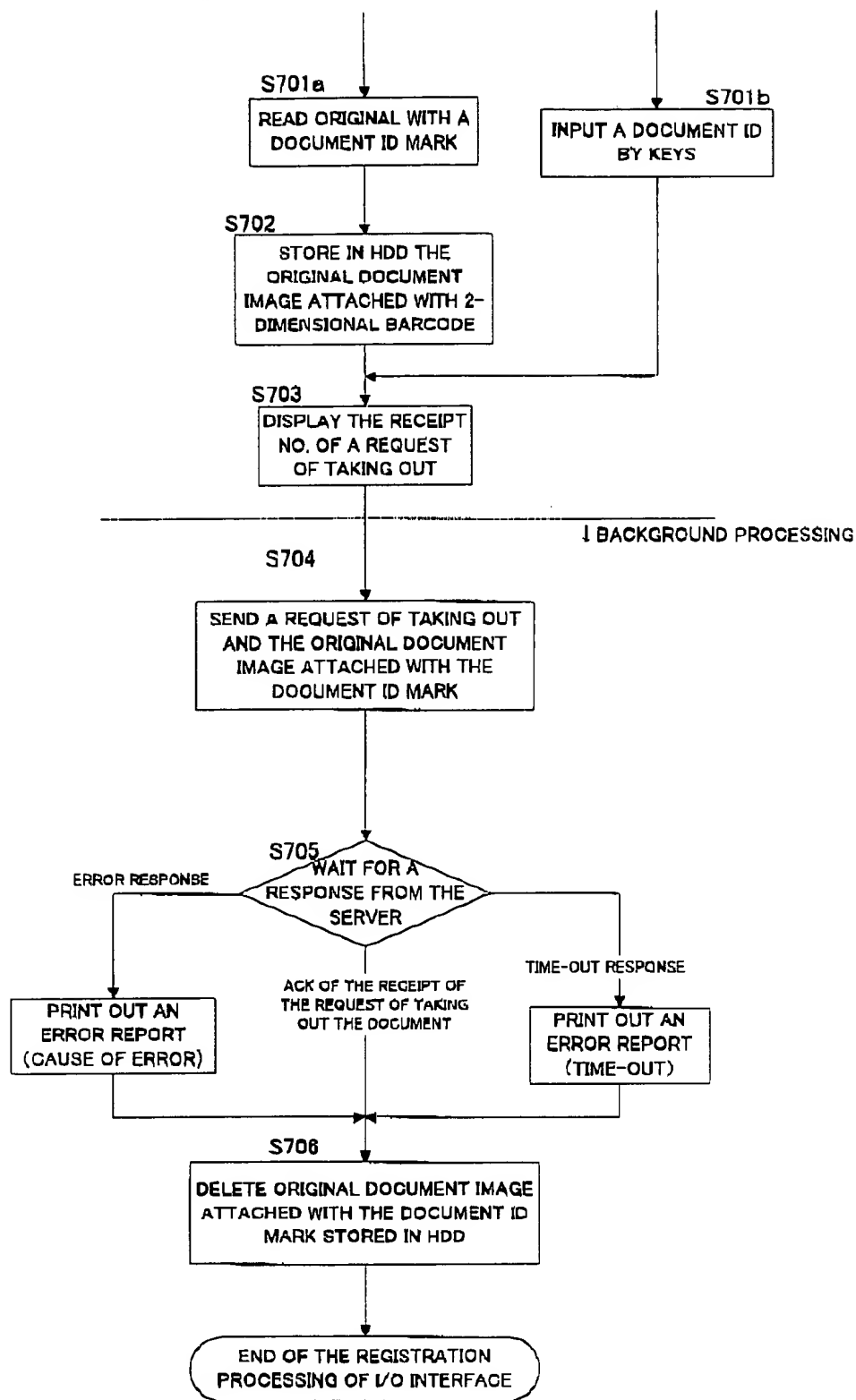


FIG. 37



F01270-ET289260

FIG. 38



T07010-ETB9250

[illegible]